PROGRAM3 PROGRAM2 PROGRA		PROGRAM1	EMPTY	PROGRAM2	PROGRAM1
					——————————————————————————————————————

FIG. 1

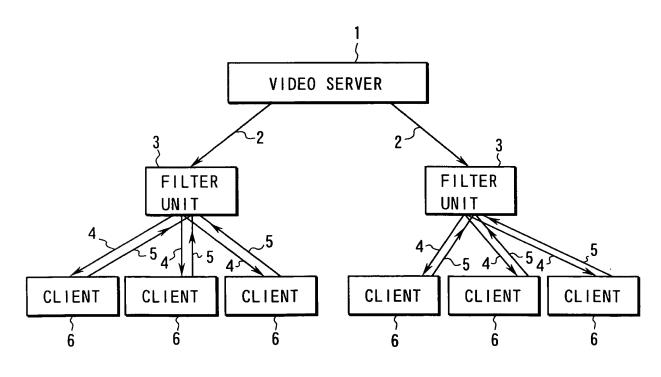


FIG. 2

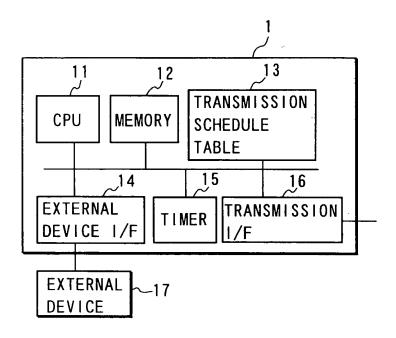


FIG. 3

		TIME	
	PROGRAM1	PROGRAM2	PROGRAM2
	Ch 1 PROGRAM2	PROGI	RAM1
	Ch 2		
FREQUENCY	Ch 3	PROGRAM3	
FRE	Ch 4		
	Ch 5	PROGRAM4	
	Ch 6		

FIG. 4

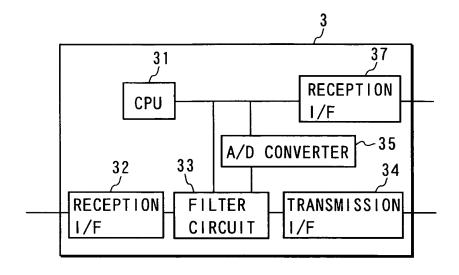


FIG. 5

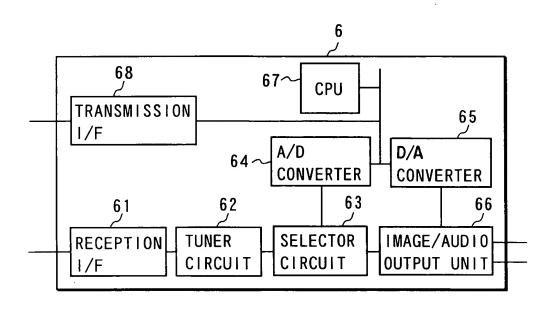


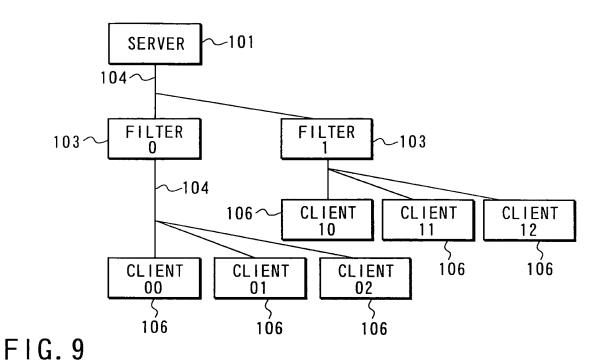
FIG. 6

				TIME
		Ch	1	
<u>></u>		Ch	2	
FREQUENCY		Ch	3	PROGRAM3
REQ		Ch	4	
正	!	Ch	5	
	\	Ch	6	

FIG.7

			TIME	
			PROGRAM2	PROGRAM2
	Ch 1	PROGRAM2		
FREQUENCY	Ch 2			
	Ch 3			
E E	Ch 4			
	Ch 5			
↓	Ch 6			

FIG.8



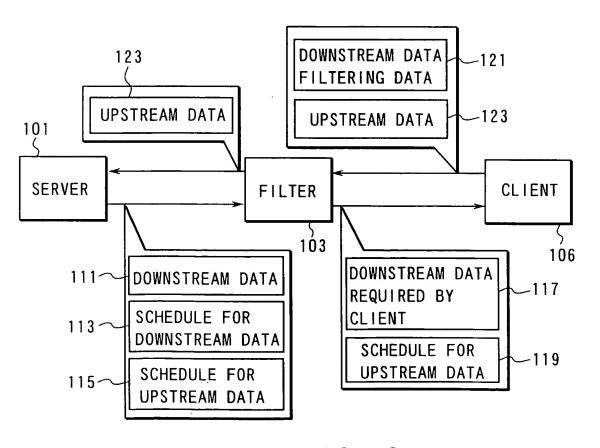
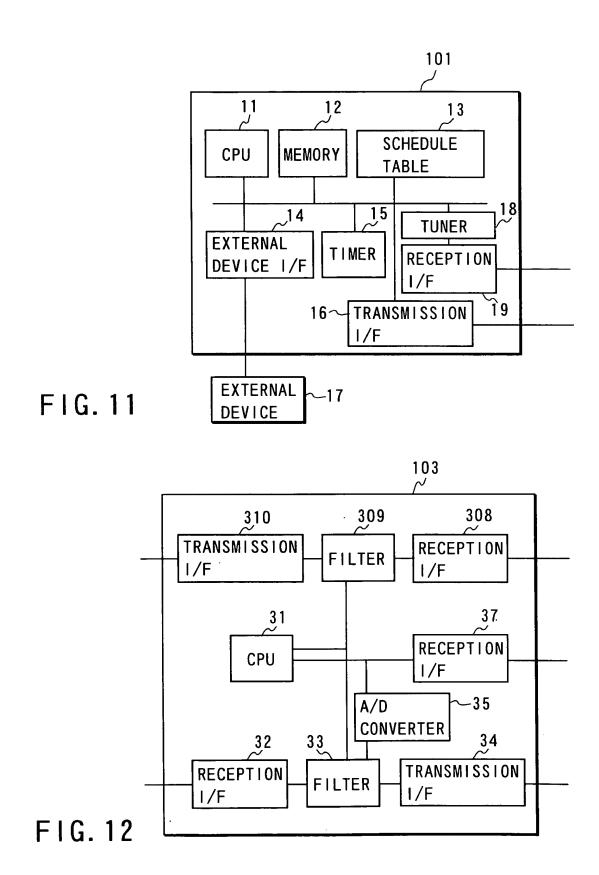
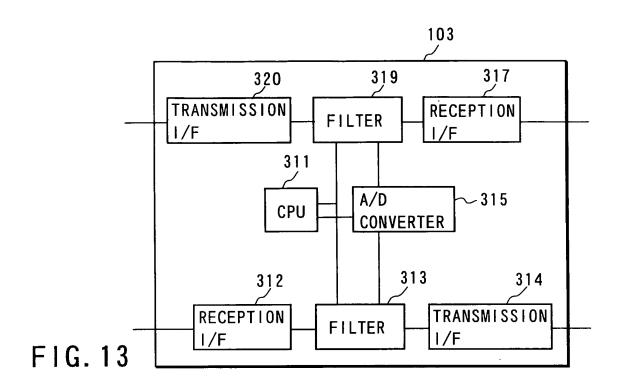
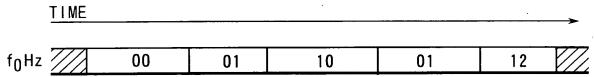


FIG. 10





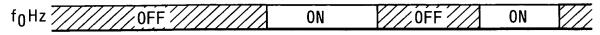


EXAMPLE OF TIME SCHEDULE FOR UPSTREAM USING ONE FREQUENCY (THE INUMBERS WITHIN SCHEDULE INDICATE TIME ASSIGNED TO RESPECTIVE CLIENTS)

FIG. 14A



FIG. 14B



OPERATION EXAMPLE OF FILTER 1

(ON : PASS DATA OFF : INTERRUPT DATA)

FIG. 14C

TIME

f ₀ Hz	00		10			
f ₁ Hz		01		01	12	

EXAMPLE OF TIME SCHEDULE FOR UPSTREAM USING TWO TYPES OF FREQUENCIES

(THE NUMBERS WITHIN SCHEDULE INDICATE TIME ASSIGNED TO RESPECTIVE CLIENTS)

FIG. 15A

f ₀ Hz		ON			0F	F//////	
f ₁ Hz	0F	F////	ON	0FF		ON	///0FF///

OPERATION EXAMPLE OF FILTER O

(ON:PASS DATA OFF:INTERRUPT DATA)

FIG. 15B

f ₀ Hz	0FF		ON	0FF	
f ₁ Hz			//,0FF /	ON	

OPERATION EXAMPLE OF FILTER 1

(ON: PASS DATA OFF: INTERRUPT DATA)

FIG. 15C

TIME	TIME	TIME	TIME	TIME
SLOT 0	SLOT 1	SLOT 2	SLOT 3	SLOT 4